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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Keith Alan Miesel
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	009.6001 (P-11290.00)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
AA		US- 5,178,161	01-12-1993	Kovacs	
AA		US- 5,501,703	03-26-1996	Holsheimer et al.	
AA		US- 5,543,330	07-01-1997	Holsheimer et al.	
AA		US- 6,038,480	03-14-2000	Hrdlicka et al.	
AA		US- 6,083,252	07-04-2000	King et al.	
AA		US- 6,473,653 B1	10-29-2002	Schallhorn et al.	
AA		US- 2003-0093130 A1	05-15-2003	Stypulkowski	
AA		US- 2003041795	05-22-2003	Stypulkowski	
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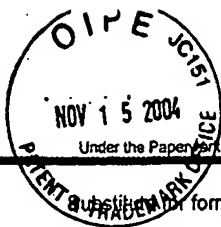
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
AA		WO 97/37720	12-16-1997		
AA		WO 99/45870	09-16-1999		
AA		WO 03/041795 A1	05-22-2003		

Examiner Signature	<i>Alyssa M. Alto</i>	Date Considered	12/20/05
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PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/678,402
Sheet 1 of 2			Filing Date	10/03/2003
			First Named Inventor	Keith Alan Miesel
			Art Unit	3762
			Examiner Name	Unknown
			Attorney Docket Number	009.6001 (P-11290.00)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		US-4,595,009 A1	06-17-1986	Leinders	
AA		US-4,791,935 A1	12-20-1988	Baudino et al.	
AA		US-5,275,171 A1	01-04-1994	Barcel	
AA		US-5,280,413	01-18-1994	*Pai	
AA		US-5,281,219	01-25-1994	Kallok	
AA		US-5,314,495 A1	05-24-1994	Kovacs	
AA		US-5,325,870 A1	07-05-1994	Kroll et al.	
AA		US-5,336,253 A1	08-09-1994	Gordon et al.	
AA		US-5,411,532 A1	05-02-1995	Mortazavi	
AA		US-5,423,873 A1	06-13-1995	Neubauer et al.	
AA		US-5,470,345	11-28-1995	Hassler et al.	
AA		US-5,513,783 A1	05-07-1996	Malmgren	
AA		US-5,571,156 A1	11-05-1996	Schmukler	
AA		US-5,593,430 A1	01-14-1997	Renger	
AA		US-5,620,476	04-15-1997	*Truex et al.	
AA		US-5,643,330 A1	07-01-1997	Holsheimer et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
AA		EP 0 844 899 B1	07-30-2003	Alfred E. Mann Foundation for Scientific Research		
AA		GB 2 124 495 A	02-22-1984	Teletronics Pty. Ltd.		
AA		GB 2 134 335 A	08-08-1984	Commonwealth of Australia		
AA		GB 2 166 606 A	10-04-1985	Teletronics Pty. Ltd.		
AA		WO95 19804 A1	07-27-1995	Medtronic, Inc.		
AA		WO97 06853 A1	02-27-1997	Alfred E. Mann Foundation for Scientific Research		
AA		WO97 20332 A1	06-05-1997	Maxwell Laboratories, Inc.		
AA		WO97 38752 A2	10-23-1997	Medtronic, Inc.		
AA		WO97 38752 A3	10-23-1997	Medtronic, Inc.		

Examiner Signature	Alyssa M. Atter	Date Considered	12/20/05
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Substitute for form 1449A/PTO			Complete if Known		
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			Filing Date	10/03/2003	
			First Named Inventor	Keith Alan Miesel	
			Art Unit	3762	
			Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	009.6001 (P-11290.00)

U.S. PATENT DOCUMENTS					
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AA		US-5,683,435	11-04-1997	Truex et al.	
AA		US-5,738,270 A1	04-14-1998	Malmgren	
AA		US-5,782,891	07-21-1998	Hassler et al.	
AA		US-5,843,135 A1	12-01-1998	Weljand et al.	
AA		US-5,925,070 A1	07-20-1999	King et al.	
AA		US-5,935,155	08-10-1999	Humayun et al.	
AA		US-5,999,848 A1	12-07-1999	Gord et al.	
AA		US-6,011,993 A1	01-04-2000	Tziviskos et al.	
AA		US-6,052,623	04-18-2000	Fenner et al.	
AA		US-6,163,723 A1	12-19-2000	Roberts et al.	
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AA		US-6,414,835 B1	07-02-2002	Wolf et al.	
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AA		US-6,421,566 B1	07-16-2002	Holsheimer	
AA		US-20020128694 A1	09-12-2002	Holsheimer	

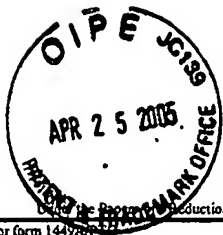
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
AA		WO99 06105 A1	02-11-1999	Desmond, Noel		
AA		WO99 49934 A1	10-07-1999	Johnson & Johnson Professional, Inc.		
AA		WO00 56677 A1	09-28-2000	Alfred E. Mann Foundation		
AA		WO03 003791 A1	01-09-2003	Cochlear Limited		
AA		WO03 033070 A1	04-24-2003	Case Western Reserve University		
AA		WO03 092807 A1	11-13-2003	Medtronic, Inc.		

Examiner Signature	<i>Alyssa M. Allen</i>	Date Considered	12/20/05
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PTO/SB/03a (06-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/678,402		
		Filing Date	October 3, 2003		
		First Named Inventor	Keith A. Miesel		
		Group Art Unit	3762		
		Examiner Name	Not yet assigned		
Sheet	1	of	3	Attorney Docket Number	P-11290.00 US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A		4,886,064		Strandberg	12-12-1989	
		5,148,265		Khandros et al.	09-15-1992	
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		5,814,089		Stokes et al.	09-29-1998	
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		6,144,866		Miesel et al.	11-07-2000	
		6,164,284		Schulman et al.	12-26-2000	
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		6,248,080		Miesel et al.	06-19-2001	
		6,372,527		Khandros et al.	04-16-2002	
	6,392,306		Khandros et al.	05-21-2002		
	6,465,893		Khandros et al.	10-15-2002		
	6,564,807		Schulman et al.	05-20-2003		
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		2001/030370		Khandros et al.	10-18-2001	
		2002/011663		Khandros et al.	01-31-2002	
		2002/052563		Penn et al.	05-02-2002	
		2002/116028		Greatbatch et al.	08-22-2002	
		2002/116029		Miller et al.	08-22-2002	
		2002/116033		Greatbatch et al.	08-22-2002	
		2002/116034		Miller et al.	08-22-2002	
		2002/128689		Connelly et al.	09-12-2002	
Examiner Signature	Alyssa M. Allen			Date Considered	12/20/05	

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Application Number	10/678,402
Filing Date	October 3, 20023
First Named Inventor	Keith A. Miesel
Group Art Unit	3762
Examiner Name	<i>Not yet assigned</i>
Attorney Docket Number	P-11290.00 US

Sheet	2	of	3
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U.S. PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Alynn M. Alto</i>	Date Considered	12/20/05
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			Filing Date	October 3, 2003	
			First Named Inventor	Keith A. Miesel	
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			Examiner Name	Not yet assigned	
			Attorney Docket Number	P-11290.00 US	
Sheet	3	of	3		

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		Office ⁴	Number ²	Kind Code ² (if known)				
AA		WO	92/05582		Khandros et al.	04-02-1992		
AA		WO	98/26840		Stokes et al.	06-25-1998		
AA		WO	98/43700		Schulman et al.	10-08-1998		
AA		WO	98/43701		Schulman et al.	10-08-1998		
AA		WO	99/11174		Lessar et al.	03-11-1999		
AA		WO	00/25860		Miesel	05-11-2000		
AA		WO	00/25862		Miesel	05-11-2000		
AA		WO	00/25861		Miesel et al.	05-11-2000		
AA		WO	00/25664		Roberts et al.	05-11-2000		
AA		WO	00/25863		Roberts et al.	05-11-2000		
AA		WO	02/065895		Connelly et al.	08-29-2002		
AA		WO	03/033070		Kilgore et al.	04-24-2003		
AA		EP	0317986		Strandberg	05-31-1989		
AA		EP	0487413		Flippe et al.	05-27-1992		
AA		EP	1111672		Khandros et al.	06-27-2001		
AA		EP	1353374		Khandros et al.	10-15-2003		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ³
AA		International Search Report, Application No. PCT/US2004/032643, mailed 02/14/2005.		
AA		International Search Report, Application No. PCT/US2004/032644, mailed 02/14/2005.		
AA		Spencer L. BeMent, Kensall D. Wise, David J. Anderson, Khalil Najafi & Kenneth L. Drake, <i>Solid-State Electrodes for Multichannel Multiplexed Intracortical Neuronal Recording</i> , IEEE Transactions On Biomedical Engineering, Vol. BME-33, No. 2, February 1986.		
AA		Kelly E. Jones & Richard A. Normann, <i>An Advanced Demultiplexing System for Physiological Stimulation</i> , IEEE Transactions On Biomedical Engineering, Vol. 44, No. 12, December 1997.		

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